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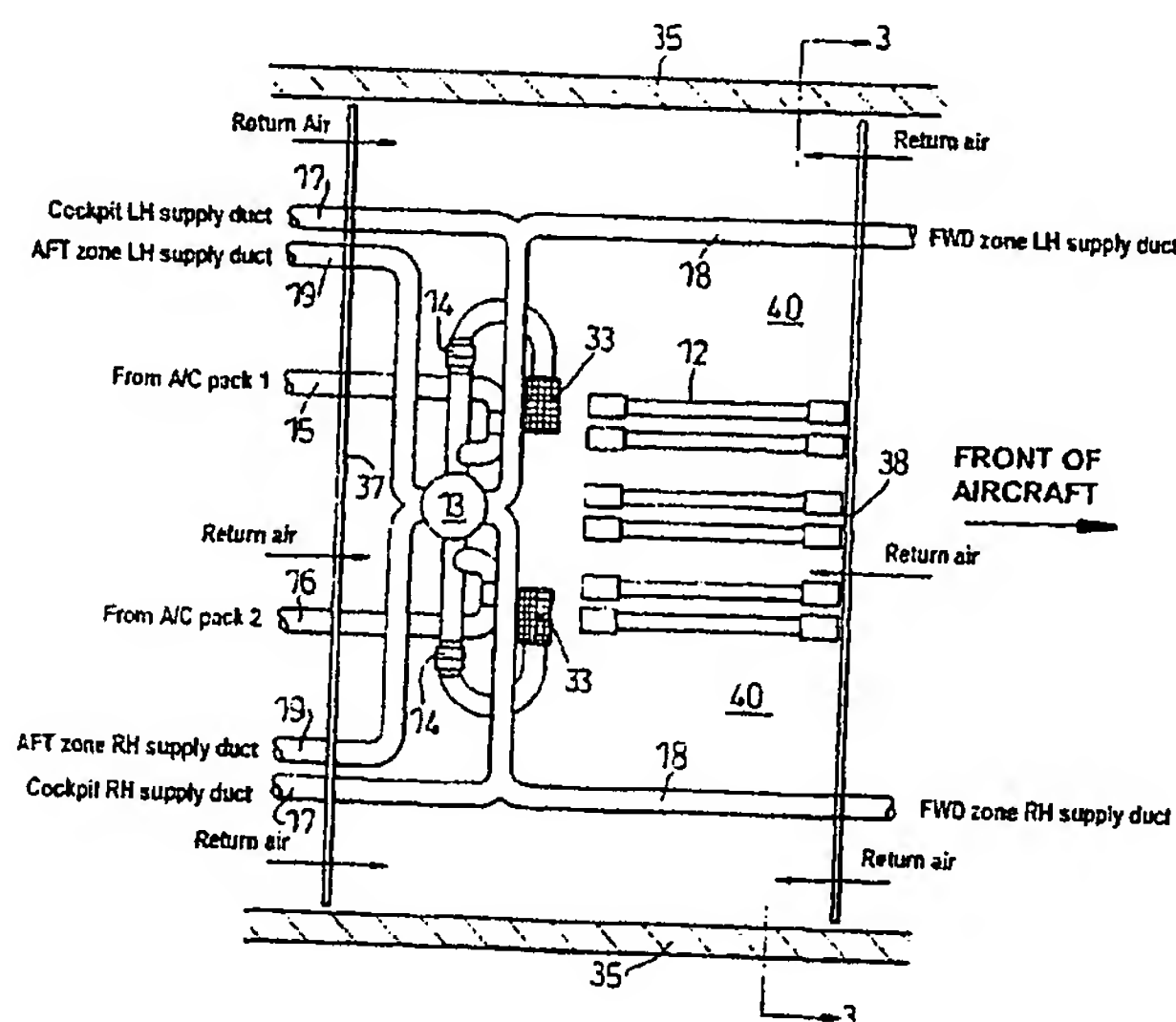
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(54) Title: AIRCRAFT AIR DISINFECTION SYSTEM



(57) Abstract: An aircraft air conditioning system for conditioning of the cabin and/or cockpit air comprises an air re-circulation circuit (13, 14, 15, 16) and a UVC radiation unit (12) positioned so as to irradiate air in the re-circulation circuit (13, 14, 15, 16) with ultra violet light. The air conditioning system comprises a re-circulation fan (14) having the inlet thereof connected to a mechanical filter (33), and the output connected to a mixer unit (13) adapted to mix re-circulated air supplied to the mixer unit (13) by the fan (14), and a UVC radiation unit (12) positioned so as to irradiate the re-circulated air with ultra violet light at a wavelength of 253.7 nm.

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WO 2004/108174 A1